

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**
(page 1)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **NANOSTRUCTURE, ELECTRON EMITTING DEVICE, CARBON NANOTUBE DEVICE, AND METHOD OF PRODUCING THE SAME**

the specification of which is attached hereto. was filed on March 26, 1999 as United States Application No. or PCT International Application No. 09/276,667 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b), of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designates at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed:

<u>Country</u>	<u>Application No.</u>	<u>Filed (Day / Mo. / Yr.)</u>	<u>(Yes / No)</u> <u>Priority Claimed</u>
Japan	098114/1998 (Pat.)	27/March/1998	Yes
Japan	047540/1999 (Pat.)	25/February/1999	Yes

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Application No.</u>	<u>Filed (Day/Mo./Yr.)</u>	<u>Status</u> <u>(Patented, Pending, Abandoned)</u>
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I hereby appoint the practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the address associated with that Customer Number:

FITZPATRICK, CELLA, HARPER & SCINTO
Customer Number: 05514

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor Tatsuya Iwasaki

Inventor's signature Tatsuya Iwasaki

Date May 7, 1999 Citizen/Subject of Japan

Residence 1517-1-C-201, Tsuruma, Machida-shi, Tokyo, Japan

Post Office Address c/o CANON KABUSHIKI KAISHA

3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

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Full Name of Second Joint Inventor Tohru Den

Inventor's signature Tohru Den

Date May 10, 1999 Citizen/Subject of Japan

Residence 1-40-16, Funabashi, Setagaya-ku, Tokyo, Japan

Post Office Address c/o CANON KABUSHIKI KAISHA

3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

Full Name of Third Joint Inventor _____

Inventor's signature _____

Date _____ Citizen/Subject of _____

Residence _____

Post Office Address _____

Full Name of Fourth Joint Inventor _____

Inventor's signature _____

Date _____ Citizen/Subject of _____

Residence _____

Post Office Address _____

Full Name of Fifth Joint Inventor _____

Inventor's signature _____

Date _____ Citizen/Subject of _____

Residence _____

Post Office Address _____

Full Name of Sixth Joint Inventor _____

Inventor's signature _____

Date _____ Citizen/Subject of _____

Residence _____

Post Office Address _____

JOINT
(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Tatsuya Iwasaki and Tohru Den
citizens of Japan

residing, respectively, at 1517-1-C-201, Tsuruma, Machida-shi, Tokyo, Japan;
1-40-16, Funabashi, Setagaya-ku, Tokyo, Japan

hereby sell, assign, transfer and convey unto Canon Kabushiki Kaisha
a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain
inventions relating to
**NANOSTRUCTURE, ELECTRON EMITTING DEVICE, CARBON NANOTUBE DEVICE, AND
METHOD OF PRODUCING THE SAME**

and described in an application for Letters Patent of the United States filed by us on **March 26, 1999**
and which has been accorded Application No. **09/276,667**

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted,
thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to
issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection
for said inventions filed by it or them, the benefit of the right or priority provided by the International Convention for the Protection of Industrial Property,
as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral
authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or
like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim
the aforesaid benefit of the right or priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any
convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed
and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said
inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, to make all rightful oaths
and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all
lawful patent protection for said inventions in the United States.

By: Tatsuya Iwasaki
Tatsuya Iwasaki

Date: May 7, 1999

By: Tohru Den
Tohru Den

Date: May 10, 1999

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

TATSUYA IWASAKI and TOHRU DENG

MAY 21 1999

Additional name(s) of conveying party(ies) attached?

 Yes No

MAY 21 1999

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: May 7, 1999 and May 10, 1999

2. Name and address of receiving party(ies):

Name: CANON KABUSHIKI KAISHA

Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku

Tokyo 146-8501, Japan

Domestic Address: _____

City: _____ State _____ ZIP _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application Number: 09/276,667

Filing Date: March 26, 1999

B. Title of Invention:

NANOSTRUCTURE, ELECTRON EMITTING
DEVICE, CARBON NANOTUBE DEVICE, AND
METHOD OF PRODUCING THE SAME

Additional numbers attached?

 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Number of applications and patents involved:

Name: Fitzpatrick, Cella, Harper & Scinto

One

30 Rockefeller Plaza

7. Total fee (37 CFR 3.41): . . . \$ 40.00

New York, New York 10112-3801

 Enclosed Authorized to be charged to deposit account

Telephone No.: (212) 218-2100

8. Deposit account number (for deficiency or excess)

Facsimile No.: (212) 218-2200

06-1205

(Attach duplicate copy of this page if paying by deposit account):

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

Joseph W. Ragusa, Reg. No. 38,586
Name of Person Signing

Signature

May 20, 1999

Date

Total number of pages including cover sheet, attachments, and documents: 2

RECE

AUG - 3 1999

JULY 26, 1999

PATRICK C. FITZPATRICK

PTAS

FITZPATRICK, CELLA, HARPER & SCINTO
JOSEPH W. RAGUSA
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112-3801



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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/21/1999

REEL/FRAME: 009970/0423
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

IWASAKI, TATSUYA

DOC DATE: 05/07/1999

ASSIGNOR:

DEN, TOHRU

DOC DATE: 05/10/1999

ASSIGNEE:

CANON KABUSHIKI KAISHA
30-2, SHIMOMARUKO 3-CHOME, OHTA-KU
TOKYO 146-8501, JAPAN

FILING DATE: 03/26/1999
ISSUE DATE:

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
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